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# INFORMATION REPORT

REPORT NO.

CD NO.

COUNTRY     East Germany

DATE DISTR.  26 Jan. 1953

SUBJECT     Consumption Norms during the Smelting Process
at the Ferrolegierungswerk Lippendorf, VEB

NO. OF PAGES   1

PLACE
ACQUIRED                                          25X1A

NO. OF ENCLS.  1 (1 page)
(LISTED BELOW)

DATE OF INFO:
ACQUIRED                                                25X1X

SUPPLEMENT TO
REPORT NO.

A

Attached for your retention is a photostated copy of a document setting
forth conditions of a contest for smelters at the Ferrolegierungswerk
Lippendorf, VEB from 3 February to 26 April 1952.  The contest was held
in order to find a basis for setting norms for consumption in the smelt-
ing process.

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German Democratic Republic

25X1A QUOTAS ESTABLISHED FOR SMELTERS' COMPETITION AT LIPPENDORF VEB FERROALLOY PLANT (1 p; German; undated; document distributed on 26 January 1953)

25X1X

The following is a complete translation of the document:

Competition Quotas for the Smelters for the Period 3 February - 26 April 1952 at the
Lippendorf Ferroalloy Plant
(Basis for the establishment of consumption norms for the smelting process)

Theoretical maximum capacity per furnace
7,500 kVA (kilovolt amperes) = 158,400 kwh (kilo-
watt hours) per day
3,000 kVA = 64,400 kwh per day
750 kVA = 16,740 kwh per day

| Production (Quota) | Furnace kVA | % Utilization of theoretical maximum capacity | kwh per day | Tons per day | kwh per ton |
|---|---|---|---|---|---|
| Fe - Si 45 % | 7500 | 97.9 | 155,100 | 27.5 | 5,640 |
| Fe - Si 75 % | 7500 | 97.9 | 155,100 | 13.6 | 11,404 |
| Fe - Si 90 % | 7500 | 97.9 | 155,100 | 8.3 | 18,687 |
| Fe - Mn (containing carbon) | 7500 | 97.9 | 155,100 | 17.34 | 8,945 |
| Si - Mn | 7500 | 83.0 | 131,300 | 20.4 | 6,436 |
| Si - Cr | 7500 | 97.9 | 155,100 | 17.34 | 8,945 |
| Fe - Mn (containing carbon) | 3000 | 88.0 | 56,700 | 6.46 | 8,777 |
| Fe - Mn, refined | 3000 | 48.0 | 30,900 | 15.83 | 1,952 |
| Si - Mn | 3000 | 88.8 | 56,600 | 5.35 | 10,579 |
| Fe - Cr, refined | 3000 | 65.2 | 42,000 | 4.74 | 8,860 |
| Fe - Cr, superrefined[1] | 3000 | 63.5 | 40,900 | 11.22 | 4,380 |
| Fe - Cr, semiproduct | 3000 | 87.7 | 56,500 | 5.87 | 9,625 |
| Fe - Cr, superrefined | 750 | 88.7 | 14,850 | 3.55 | 4,183 |

[1] Provisional norm

25X1A

Foreign language document or microfilm of it [    ] is available from CIA Library 25X1A

11 February 1953

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Abschrift / Ma.

Wettbewerbsnoll der Schmelzer für die Zeit v. 1.2. - 26.4.52
in Werkldesterxxxwerk Lippendorf

(Grundlage für die Erstellung von Verbrauchsnormen beim
Schmelzvorgang)

theoret. max. Leistung je Ofen

7.500 kVA = 158 400 kWh/Tg.
3.000 kVA = 64 400 kWh/Tg.
750 kVA = 16 740 kWh/Tg.

| Produktion (Soll) | Ofen kVA | theor.max Leistung Ausnutzung % | kWh pro Tg. | Tonnen pro Tg. | kWh pro t |
|---|---|---|---|---|---|
| Fe - Si 45 % | 7500 | 97,9 | 155 100 | 27,5 | 5 640 |
| Fe - Si 75 % | 7500 | 97,9 | 155 100 | 13,6 | 11 404 |
| Fe - Si 90 % | 7500 | 97,9 | 155 100 | 8,3 | 18 687 |
| Fe - Mn carb. | 7500 | 97,9 | 155 100 | 17,34 | 8 945 |
| Si - Mn | 7500 | 83,0 | 131 300 | 20,4 | 6 436 |
| Si - Cr | 7500 | 97,9 | 155 100 | 17,34 | 8 945 |
| Fe - Mn carb. | 3000 | 88,0 | 56 700 | 6,46 | 8 777 |
| Fe - Mn aff | 3000 | 48,0 | 30 900 | 15,43 | 1 952 |
| Si - Mn | 3000 | 88,8 | 56 600 | 3,35 | 10 579 |
| Fe - Cr aff | 3000 | 65,2 | 42 000 | 4,34 | 8 840 |
| Fe - Cr suraff. X) | 3000 | 63,5 | 40 900 | 11,22 | 4 380 |
| Fe - Cr Halbprodukt | 3000 | 87,7 | 56 500 | 5,87 | 9 625 |
| Fe - Cr suraff | 750 | 86,7 | 14 850 | 3,55 | 4 183 |

X) vorläufige Rom